REMARKS/ARGUMENTS

I. STATUS OF CLAIMS

Claims 1-58 remain in this application. Claims 1-58 have been rejected.

II. CLAIM REJECTIONS – 35 U.S.C. § 103

The Final Office Action rejected Claims 20-24, 48-52 and 57-58 under 35 U.S.C. § 103(a) as unpatentable over Hooper et al. (US 5,442,390). The rejection is respectfully traversed.

Claim 20 has been amended to clarify the invention and appears as follows:

20. A process for a digital video recorder, comprising the steps of:

storing a plurality of multimedia programs in digital form on a storage device;

displaying a list of previously recorded multimedia programs stored on said storage device to a user;

wherein the user selects previously recorded multimedia programs from said list;

simultaneously playing back at least one of said selected previously recorded multimedia programs and a multimedia program whose storage is in progress to at least one display device; and

wherein said playing back step allows playback rate and direction of each multimedia program to be controlled individually and simultaneously to perform variable rate fast forward and rewind, frame step, pause, and play functions.

In particular, Hooper does not teach or disclose a system that simultaneously plays back at least one of said selected previously recorded multimedia programs and a multimedia program whose storage is in progress to at least one display device as claimed in Claim 20. Hooper does not contemplate such a system. The Office Action states in the response to arguments section:

> "Form the above passage, it is clear that the multimedia programs can be simultaneously played back (customer can interactively and independently view any portion of the 10) and the multimedia program whose storage is in progress (memory buffer stores about 10 minutes of the video data)."

Applicant has amended Claims 20 and 48 to clarify the term of the claimed element. Contrary to the Office Action's statement, the claimed element in Claims 20 and 48 specify that the system simultaneously plays back at least one of said selected **previously recorded multimedia programs** and a **multimedia program whose storage is in progress** to at least one display device. Hooper teaches away from the claimed invention by teaching that a **single** video can be viewed in any portion of the 10 minutes of buffered memory. Hooper does not contemplate the claimed element.

Therefore, Hooper does not teach or disclose the invention as claimed.

Claim 20 is in allowable condition. Claim 48 is similarly allowable. Claims 21-24, 57, and 49-528 are dependent upon independent Claims 20 and 48, respectively. Therefore, Applicant respectfully requests that the Examiner withdraw the rejection under 35 U.S.C. §103(a).

III. CLAIM REJECTIONS – 35 U.S.C. § 103

The Final Office Action rejected Claims 8-11, 13-17, 19, 36-39, 41-45 and 47 under 35 U.S.C. § 103(a) as unpatentable over Logan et al. (Re: 36,801) in view of Hooper et al (US 5,442,390). The rejection is respectfully traversed.

Claim 8 has been amended to clarify the invention and appears as follows:

8. A process for a digital video recorder, comprising the steps of:

receiving a plurality of television broadcast signals;

storing each television broadcast signal in a digital form on a storage device;

wherein each output device of a plurality of output devices in said digital video recorder extracts a specific digital broadcast signal from said storage device;

wherein at least two output devices simultaneously extract different digital broadcast signals;

converting each specific digital broadcast signal into a display output signal;

sending display output signals to at least one display device; and

wherein said converting step allows playback rate and direction of each display output signal to be controlled individually and simultaneously to perform variable rate fast forward and rewind, frame step, pause, and play functions.

In particular, Hooper does not teach or disclose a system wherein each output device of a plurality of output devices **in said digital video recorder** extracts a specific digital broadcast signal from said storage device as claimed in Claim 8. The Office Action states in the response to arguments section that:

> "In response, the examiner respectfully disagrees. It is noted that the claimed "digital video recorder" is not limited to a specific geographical area. The claimed "digital video recorder" can be anticipated by the large geographical area of Hooper"

Applicant respectfully disagrees with the Examiner's above statement. The Office Action has overlooked the wording of the claim element.

"All words in a claim must be considered in judging the patentability of that claim against the prior art." *In re Wilson*, 424 F.2d 1382, 1385, 165 USPQ 494, 496 (CCPA 1970).

The actual claimed element cites "each output device of a plurality of output devices **in said digital video recorder"**. This wording is contrary to the Office Action's statement that Hooper's large geographical area anticipates the claimed "digital video recorder".

Therefore, Hooper's CPE's are located over a large geographical area (col. 3, lines 5-7) and teach away from the claimed invention. Hooper does not contemplate a plurality of output devices **in said digital video recorder** as claimed in Claim 8.

Therefore, Hooper does not teach or disclose the invention as claimed.

Claim 8 is in allowable condition. Claims 14, 36, and 42 are allowable in the same manner. Claims 9-11, 13, and 15-17, 19, and 37-39, 41, and 43-45, 47 are dependent upon independent Claims 8, 14, 36, and 42, respectively. Therefore, Applicant respectfully requests that the Examiner withdraw the rejection under 35 U.S.C. §103(a).

IV. CLAIM REJECTIONS – 35 U.S.C. § 103

The Final Office Action rejected Claims 25 and 53 under 35 U.S.C. § 103(a) as being unpatentable over Hooper et al in view of Fujita et al ('619 B1). The rejection is respectfully traversed.

The rejection under 35 U.S.C. §103(a) is deemed moot in view of Applicant's comments regarding Claims 20 and 48, above. Claims 25 and 53 are dependent upon independent Claims 20 and 48, respectively. Therefore, Applicant respectfully requests that the Examiner withdraw the rejection under 35 U.S.C. §103(a).

V. CLAIM REJECTIONS – 35 U.S.C. § 103

The Final Office Action rejected Claims 12, 18, 40 and 46 under 35 U.S.C. § 103(a) as being unpatentable over Logan et al in view of Hooper et al. as applied to claims 8, 14, 36 and 42, and further in view of Fujita et al. The rejection is respectfully traversed.

The rejection under 35 U.S.C. §103(a) is deemed moot in view of Applicant's comments regarding Claims 8, 14, 36, and 42, above. Claims 12 and 18 and 40 and 46 are dependent upon independent Claims 8, 14, 36, and 42, respectively. Therefore, Applicant respectfully requests that the Examiner withdraw the rejection under 35 U.S.C. §103(a).

VI. CLAIM REJECTIONS – 35 U.S.C. § 103

The Final Office Action rejected Claims 1-4, 6-7, 26-32, 34-35 and 54-56 under 35 U.S.C. § 103(a) as being unpatentable over Logan et al. (Re: 36,801) in view of Hooper et al and further in view of Kobayashi et al ('254). The rejection is respectfully traversed.

Claim 1 has been amended to clarify the invention and appears as follows:

1. A process for a digital video recorder, comprising the steps of:

wherein each tuner of a plurality of input signal tuners in said digital video recorder accepts analog and/or digital television broadcast signals;

wherein each of said tuners is individually tuned to a specific broadcast signal;

converting analog television broadcast signals into a digital signal;

separating a digital signal or digital television broadcast signal into its video and audio components;

storing said video and audio components on a storage device;

wherein each output device of a plurality of output devices in said digital video recorder extracts a specific video and audio component from said storage device;

decoding each specific video and audio component into a display output signal;

sending display output signals to at least one display device; and

wherein said decoding step allows playback rate and direction of each display output signal to be controlled individually and simultaneously to perform variable rate fast forward and rewind, frame step, pause, and play functions.

As discussed above with respect to Claims 8, 14, 36, and 42, Hooper does not teach or disclose a system wherein each output device of a plurality of output devices in said digital video recorder extracts a specific video and audio component from said storage device as claimed in Claim 1. Hooper does not contemplate such a system.

Therefore, Logan et al. in view of Hooper and further in view of Kobayashi does not teach or disclose the invention as claimed.

Claim 1 is in allowable condition. Claim 29 is allowable in the same manner. Claims 2-4, 6-7, and 26-28, and 30-32, 34-35, and 54-56 are dependent upon independent Claims 1, 20, 29, and 48 respectively. Therefore, Applicant respectfully requests that the Examiner withdraw the rejection under 35 U.S.C. §103(a).

VII. CLAIM REJECTIONS – 35 U.S.C. § 103

The Final Office Action rejected Claims 5 and 33 under 35 U.S.C. § 103(a) as being unpatentable over Logan et al. (Re: 36,801) in view of Hooper et al and Kobayashi et al as applied to claims 1 and 29, and in further view of Fujita et al ('619 B1). The rejection is respectfully traversed.

The rejection under 35 USC §103(a) is deemed moot in view of Applicant's comments regarding Claims 1 and 29, above. Claims 5 and 33 are dependent upon Independent Claims 1 and 29, respectively. Therefore, Applicant respectfully requests that the Examiner withdraw the rejection under 35 USC §103(a).

VIII. CONCLUSIONS & MISCELLANEOUS

Applicant respectfully requests that a timely Notice of Allowance be issued in this case.

The Applicants believe that all issues raised in the Office Action have been addressed and that allowance of the pending claims is appropriate. Entry of the amendments herein and further examination on the merits are respectfully requested.

The Examiner is invited to telephone the undersigned at (408) 414-1080 ext. 214 to discuss any issue that may advance prosecution.

No fee is believed to be due specifically in connection with this Reply. To the extent necessary, Applicants petition for an extension of time under 37 C.F.R. § 1.136. The Commissioner is authorized to charge any fee that may be due in connection with this Reply to our Deposit Account No. 50-1302.

Respectfully submitted,

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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop AF, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450

on April 10, 2006 (Date) by (Signature)